identification.

chain nodes :
1 2 3 4 5 6 7 8 9 10 11 18 19 20 21 22 23 24
ring nodes :
12 13 14 15 16 17
chain bonds :
1-2 1-3 1-4 5-6 6-7 6-8 8-9 9-10 9-11 18-19 18-21 18-22 19-20 20-23
20-24
ring bonds :
12-13 12-17 13-14 14-15 15-16 16-17
exact/norm bonds :
1-4 6-8 8-9 9-10 9-11 18-19 18-21 18-22 19-20 20-23 20-24
exact bonds :
1-2 1-3 5-6 6-7
normalized bonds :
12-13 12-17 13-14 14-15 15-16 16-17

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS fragments assigned product role: containing 5 fragments assigned reactant/reagent role: containing 1 containing 12

Match level :

52 DOCUMENTS

9 DOCS

containing 18 node mappings: 1:6 4:8 2:5 3:7

L1STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT * Structure attributes must be viewed using STN Express query preparation.

=> dL1 HAS NO ANSWERS L1

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 11 full

FULL SEARCH INITIATED 13:03:26 FILE 'CASREACT'

SCREENING COMPLETE - 278 REACTIONS TO VERIFY FROM

100.0% DONE 278 VERIFIED 22 HIT RXNS SEARCH TIME: 00.00.01

L2 9 SEA SSS FUL L1 (22 REACTIONS)

=> d ibib abs hit 1-9

LZ

(1)

RX (1)

YIELD 85%

RCT RGT PRO SOL CON

ANSWER 1 OF 9 CASREACT COPYRIGHT 2006 ACS on STN

A 852459-84-8, B 358-23-6 D 38222-83-2 Me-(t-Bu)2-pyridine C 652459-83-7 75-09-2 CH2C12 SUBSTAGE(1) 0 deg C SUBSTAGE(2) 0 deg C -> room temperature SUBSTAGE(3) 4 hours, room temperature SOnogashira coupling

c=c-si(Pr-i)3

(Continued)

```
L2 ANSWER 1 OF 9
ACCESSION NUMBER:
143:7446 CASREACT
Synthesis and characterization of cross-conjugated oligo(phenylene enynylene)s
CORPORATE SOURCE:

SOURCE:

CASREACT COPYRIGHT 2006 ACS on STN
143:7446 CASREACT
Synthesis and characterization of cross-conjugated oligo(phenylene)s
Cho, Joon: Zhao, Yuming: Tykwinski, Rik R.
Department of Chemistry, University of Alberta,
Edmonton, AB, T66 2G2, Can.
ARKIVOC (Gainesville, FL, United States) (2005), (4), 142-150
CODEN: AGFUAR
URL:
  http://www.arkat-usa.org/ark/journal/2005/I04_Zef
irov/1369/1369.pdf
PUBLISHER: Arkat USA Inc.
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
B The synthesis and characterization of a series of cross-conjugated
oligo(phenylene enynylene)s via the Sonogashira protocol is reported.
The
The structural properties of these oligomers have been established by 1H and 13C NMR and IR spectroscopies, as well as mass spectrometry. Their electronic absorption and emission behavior has been investigated via UV/via and fluorescence spectroscopy. The results of this study demonstrate that electronic communication along the conjugated framework of these oligomers is limited due to the presence of a cross-conjugated enyme framework and arylene fragments.

REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS
                                                                                                                                        RECORD. ALL CITATIONS AVAILABLE IN THE RE
   FORMAT
   RX(1) OF 28
                                                                         ...A + B ==> C...
```

```
L2 ANSWER 2 OF 9 CASREACT COPYRIGHT 2006 ACS on STN
RX(3) OF 125
                        ...c + H ===> I...
             RCT C 945725-73-7, H 358-23-6
RGT J 585-48-8 2,6-Di-t-Bu-pyridine
PRO I 339577-77-4
SOL 75-09-2 CH2C12
CON room temperature
                         ...g + H ===> K...
              c= c- si (Pr-i) 3
                      c= c- si (Pr-1) 3
```

L2 ANSWER 2 OF 9 CASREACT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 142:279793 CASREACT
TITLE: Synthesis, structure, and nonlinear optical
properties

iso-polydiacetylenes AUTHOR(S):

of cross-conjugated perphenylated

L2 ANSWER 2 OF 9 CASREACT COPYRIGHT 2006 ACS on STN RX(4) RCT G 845725-74-8, H 358-23-6 RGT J 585-48-8 2,6-Dit-Bu-pyridine PRO K 845725-75-9 SOL 75-09-2 CH2C12 CON room temperature

RX (29)

RCT BE 235087-25-9

(Continued)

```
L2 ANSWER 3 OF 9
ACCESSION NUMBER:
TITLE:
Decarboxylative elimination of enol triflates as a general synthesis of acetylenes
AUTHOR(S):
CORPORATE SOURCE:
SOURCE:
Department of Chemistry, Cambridge, CB2 lew, UK
Organic 4 Biomolecular Chemistry (2004), 2(10), 1504-1510
CODEN: OBCRAK; ISSN: 1477-0520
ROYAL SOURCE ROYAL SOURCE
LANGUAGE:
DEPARTMENT TYPE:
LANGUAGE:
DEPARTMENT TYPE:
LANGUAGE:
English
                                                                                                                                                                                                                                                    PUBLISHER:
DOCUMENT TYPE:
LANGUAGE:
GI
                                                                                                                                                                                                                                                             OSO2CF3
                                                                                                                                                                                                                                                                         CO2Bu-t
                                                                                                                                                                                                                                                                                                                H_3C - C \equiv C - CO_2H II
                                                                                                                                                                                                                                                                 The enol trifluoromethanesulfonates of tert-Bu \beta-keto diesters and \beta-keto esters can be hydrolyzed to the corresponding carboxylic acids by dissoln. in trifluoroacetic acid. The dicarboxylic acids undergo mild decarboxylative elimination to give acetylenic acids in aqueous sodium bicarbonate solution at room temperature Similarly, monocarboxylic
                                                                                                                                                                                                                                                    acids give
terminal and mid-chain acetylenes by refluxing in acetone with potassium
carbonate. One of the substituents on the acetylenes can be Me, primary
alkyl, secondary alkyl or ethynyl, and the other can be a carboxylic
                                                                                                                                                                                                                                                                 hydrogen or primary alkyl, but the enol trifluoromethanesulfonates could not be prepared when one of the substituents was tert-Bu, nor when both substituents on the precursor to the acetylene were secondary alkyl. For example, reaction of trifluoromethanesulfonic acid anhydride with (acetyl)propanedioic acid bis(1,1-dimethylethyl) ester gave a desired
                                                                                                                                                                                                                                                   enol

triflate, {1-[((trifluoromethyl) sulfonyl) oxy]ethylidene] propanedioic acid
bis(1,1-dimethylethyl) ester (I). Saponification of I gave the diacid,
[1-[((trifluoromethyl) sulfonyl) oxy]ethylidene] propanedioic acid.

Decarboxylation of the acid gave 2-butynoic acid (II).

REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR
THIS
                                                                                                                                                                                                                                                                                                                                       RECORD. ALL CITATIONS AVAILABLE IN THE RE
                                                                                                                                                                                                                                                     RX(96) OF 118 COMPOSED OF RX(22), RX(26), RX(29)
RX(96) AR + AW + I ===> BK
            ANSWER 3 OF 9 CASREACT COPYRIGHT 2006 ACS on STN
                                                                                                                                                                                                                                                            ANSWER 3 OF 9 CASREACT COPYRIGHT 2006 ACS on STN STAGE(1)
                                                                                                                                                                   (Continued)
                                                                                                                                                                                                                                                                                           RGE (1)
RGT L 7646-69-7 NaH
SOL 60-29-7 Et20
CON 1 hour, 0 deg C
                                                                                                                                                                                                                                                                                    STAGE (2)
                                                                                                                                                                                                                                                                                            AGE(2)
RCT I 358-23-6
CON SUBSTAGE(1) 1 hour, 0 deg C
SUBSTAGE(2) 1 hour, room temperature
                                                                                                                                                                                                                                                                                            RGE (3)
RGT F 12125-02-9 NH4Cl
SOL 7732-18-5 Water
CON room temperature
STEPS
                                                                                                                                                                                                                                                                               PRO BK 235087-28-2
                                                                                                                                                                                                                                                    RX(98) OF 118 COMPOSED OF RX(23), RX(27), RX(30)
RX(98) AT + AW + I ===> BL
                                                            (CH<sub>2</sub>)3 Ph
BK
YIELD 86%
RX (22)
                           RCT AR 235087-24-8, AW 104-53-0
                                                                                                                                                                                                                                                    STEPS
                               STAGE(1)
RGT AY 7550-45-0 TiCl4, AZ 110-86-1 Pyridine
SOL 109-99-9 THF, 75-09-2 CH2Cl2
CON SUBSTAGE(1) 30 minutes, 0 deg C
SUBSTAGE(2) 16 hours, room temperature
                               STAGE(2)
RGT F 12125-02-9 NH4C1
SOL 7732-18-5 Water
CON room temperature
                                                                                                                                                                                                                                                                                   BL
YIELD 92%
                                                                                                                                                                                                                                                   RX (23)
                                                                                                                                                                                                                                                                               RCT AT 94250-54-1, AW 104-53-0
                           PRO AX 725340-58-9
NTE stereoselective, isomer mix.
                                                                                                                                                                                                                                                                                  STAGE(1)

RGT AY 7550-45-0 TiCl4, AZ 110-86-1 Pyridine
SOL 109-99-9 THF, 75-09-2 CH2Cl2
CON SUBSTAGE(1) 30 minutes, 0 deg C
SUBSTAGE(2) 16 hours, room temperature
                                     AX 725340-58-9
BF 1333-74-0 H2
BE 235087-25-9
7440-05-3 Pd
67-56-1 MeOH
24 hours, room temperature
RX (26)
                           RCT
                                                                                                                                                                                                                                                                                   STAGE (2)

RGT F 12125-02-9 NH4C1
SOL 7732-18-5 Water
CON room temperature
```

10/518,492 05/05/2006

```
ANSWER 3 OF 9 CASREACT COPYRIGHT 2006 ACS on STN
PRO BA 725340-63-6
NTE stereoselective, isomer mix.
                                                                                                                                                                                            (Continued)
                                                                                                                                                                                                                                                                                        L2 ANSWER 3 OF 9 CASREACT COPYRIGHT 2006 ACS on STN
                                          BA 725340-63-6
BF 1333-74-0 H2
BI 235087-26-0
7440-05-3 Pd
67-56-1 MeOH
24 hours, room temperature
                               RCT
RGT
PRO
CAT
 RX (27)
RX (30)
                               RCT BI 235087-26-0
                                                                                                                                                                                                                                                                                        BM
YIELD 71%
                                    STAGE (1)

RGT L 7646-69-7 NaH

SOL 60-29-7 Et20

CON 1 hour, 0 deg C
                                                                                                                                                                                                                                                                                        RX (25)
                                                                                                                                                                                                                                                                                                                      RCT BC 1694-31-1, AW 104-53-0
                                                                                                                                                                                                                                                                                                                           STAGE(1)
RGT AY 7550-45-0 TiCl4, AZ 110-86-1 Pyridine
Sol. 109-99-9 THF, 75-09-2 CH2Cl2
CON SUBSTAGE(1) 30 minutes, 0 deg C
SUBSTAGE(2) 16 hours, room temperature
                                     STAGE (2)
RCT I
                                              CON SUBSTAGE(1) 1 hour, 0 deg C
SUBSTAGE(2) 1 hour, room temperature
                                   STAGE(3)
RGT F 12125-02-9 NH4C1
SOL 7732-18-5 Water
CON room temperature
                                                                                                                                                                                                                                                                                                                            STAGE (2)
RGT F 12125-02-9 NH4C1
SOL 7732-18-5 Water
CON room temperature
                               PRO BL 235087-30-6
                                                                                                                                                                                                                                                                                                                       PRO BD 725340-53-4
NTE stereoselective, isomer mix.
RX(100) OF 118 COMPOSED OF RX(25), RX(28), RX(31) RX(100) BC + AW + I ===> EM
                                                                                                                                                                                                                                                                                                                                   BD 725340-53-4
BF 1333-74-0 H2
BJ 725340-75-0
7440-05-3 Pd
67-56-1 MeOH
24 hours, room temperature
                                                                                                                                                                                                                                                                                       RX (281
                                                                                                                                                                                                                                                                                        RX (31)
                                                                                                                                                                                                                                                                                                                      RCT BJ 725340-75-0
                                                                                                                                                                                                                                                                                                                            STAGE(1)

RGT L 7646-69-7 NaH

SOL 60-29-7 Et20

CON 1 hour, 0 deg C
                                                                                                                                                                                                                                                                                                                             STAGE (2)
RCT I 358-23-6
                                                                                                                                                                                                                                                                                                                                      RCT I 358-23-6
CON SUBSTAGE(1) 1 hour, 0 deg C
SUBSTAGE(2) 1 hour, room temperature
                                                                                                                                                                                                                                                                                                                           STAGE (3)

RGT F 12125-02-9 NH4C1

SOL 7732-18-5 Water

CON room temperature
                                                                                                                                                                                                                                                                                          L2 ANSWER 4 OF 9 CASREACT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 140:111001 CASREACT
ITILE: Fragmentations of (£)- and (2)-isomers of
2-methylbuten-1-yl(aryl) iodonium triflates:
         ANSWER 3 OF 9 CASREACT COPYRIGHT 2006 ACS on STN
PRO BM 725340-88-5
                                                                                                                                                                                                                                                                                    competing

mechanisms for enol triflate formation

Hinkle, Robert J., Mikowski, Ann M.

CORPORATE SOURCE:

Dep. Chem., The College of William and Mary,

Williamsburg, VA, 23187-8795, USA

ARKIVOC (Gainesville, FL, United States) (2003), (6),

201-212

CODEN. AGFUAR

UKL:

http://www.arkat-usa.org/ark/journal/2003/Varvogl
is/AV-745A/745A.pdf

PUBLISHER:

Arkat USA Inc.

DOCUMENT TYPE:

Journal; (online computer file)

LANGUAGE:

English

AB We examined fragmentation reactions of (E)- and (2)-2-methylbuten-1-

yl (aryl)iodonium triflates (aryl = C685-, 4-(*C73)C684, 3,5-(C73)2C684-)

to afford aryl idodides and six enol triflates. Four of these vinyl

triflates involve alkyl migrations followed by triflate trapping of
secondary vinyl cations whereas two do not involve migrations.

Fragmentation rates in dry, neutral CDC13 were determined as were the
distributions of enol triflate products. The ratios of rate consts. for

the (E)-/(2)- isomers ranged between 5.0 and 8.5 and, in all salts, the
rearranged enol triflate derived from migration of the alkyl molety

trans-

to the aryliodonio- nucleofuge was observed in the greatest quantities.
                                                                                                                                                                                                                                                                                        to the aryliodonio- nucleofuge was observed in the greatest quantities.

These data indicate that the fragmentation rates are significantly determined
                                                                                                                                                                                                                                                                                                       maned
by the migratory aptitude of the trans-B-alkyl substituent and
departure of the aryliodonio-nucleofuge occurs by anchimeric assistance.
The ratios of inverted "unrearranged" enol triflate products were greater
for the (2)-isomers of the iodonium salt precursors indicating that
                                                                                                                                                                                                                                                                                                        effects play a role and implies that these inverted, unrearranged
                                                                                                                                                                                                                                                                                      effects play a role and implies that these inverted, unrearranged products
are derived from in plane (o*) SN2 reaction. The presence of the remaining, retained, unrearranged enol triflate can be explained by a liquad coupling mechanism (n* SN2) and the fragmentation mechanism(s) do not require the intermediacy of a primary vinyl cation.

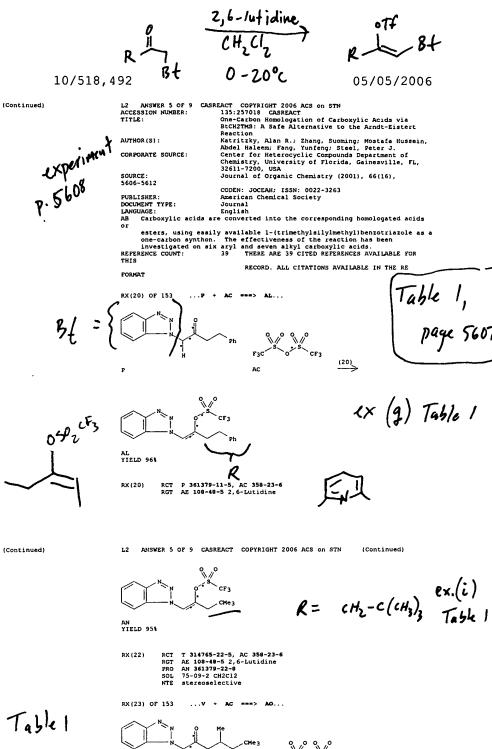
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS
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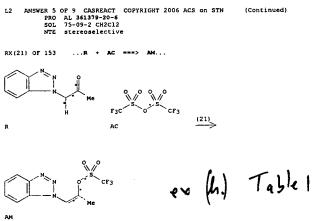
FORMAT

RX (5) OF 10

RECORD. ALL CITATIONS AVAILABLE IN THE RE

2 H + 2 O ===> P + Q





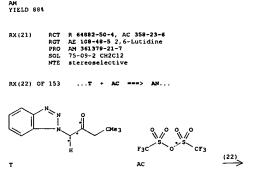
ANSWER 4 OF 9 CASREACT COPYRIGHT 2006 ACS on STN

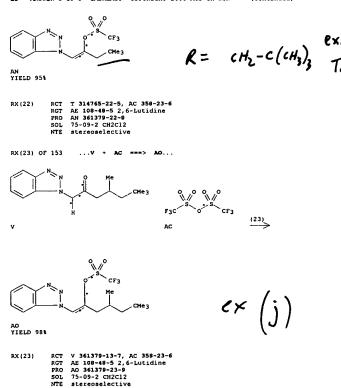
RCT H 358-23-6, O 96-22-0

STAGE (2) SOL 109-66-0 Pentane PRO P 52149-31-2, Q 52149-30-1 NTE stereoselective

STAGE(1)
RGT L 585-48-8 2,6-Di-t-Bu-pyridine
SOL 75-09-2 CH2C12
CON 12 hours, room temperature

RX (5)





...X + AC ===> AP...

RX (24) OF 153

L2 ANSWER 5 OF 9 CASREACT COPYRIGHT 2006 ACS on STN (Continued)

AP YIELD 94%

X 189343-44-0, AC 358-23-6 AE 108-48-5 2,6-Lutidine AP 361379-24-0 75-09-2 CH2C12 stereoselective RCT RGT PRO SOL NTE RX (24)

...E + AC ===> AQ... RX(25) OF 153

L2 ANSWER 5 OF 9 CASREACT COPYRIGHT 2006 ACS on STN (Continued)

AQ YIELD 90%

RCT RGT PRO SOL NTE Z 304459-92-5, AC 358-23-6 AE 108-48-5 2,6-Lutidine AQ 361379-25-1 75-09-2 CH2C12 stereoselective RX (25)

...AB + AC ==> AR RX (26) OF 153

ANSWER 5 OF 9 CASREACT COPYRIGHT 2006 ACS on STN

AR YIELD 82%

AB 306990-72-7, AC 358-23-6 AE 108-48-5 2,6-Lutidine AR 361379-26-2 75-09-2 CH2C12 stereoselective RX (26)

L2 ANSWER 6 OF 9 CASREACT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 134:71356 CASREACT

TITLE: BtCH2TMS-Assisted Homologation of Carboxylic Acids: A
Safe Alternative to the Arndt-Eistert Reaction

AUTHOR(S): Katrizky, Alan R.; Zhang, Suoming: Fang, Yunfeng

CORPORATE SOURCE: Center for Heterocyclic Compounds Department of
Chemistry, University of Florida, Gaineaville, FL,
32611-7200, USA

SOURCE: Organic Letters (2000), 2(24), 3789-3791

CODEN: ORLEF7; ISSN: 1523-7060

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal
LANGUAGE: Enqlish

AB One-carbon homologation of carboxylic acids is achieved by (i) treatment
of an acyl chloride with

1-[(trimethylsiy!)methyl)-IH-1, 2, 3-benzotriazole
(BtCH2TMS) to afford N-(acylmethyl)benzotriazoles, followed by (ii)
conversion with triflic anhydride into RC(OTf):CHBt, and (iii) the
subsequent reaction with NaOCH3 followed by IN KCl to afford esters
RCH2CO2R' in oversall yields of 50-708. For the aliphatic compds.,
treatment
with p-toluenesulfonic acid followed by TBAF/THF afforded acids RCH2COOH.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR
THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE RECORD. ALL CITATIONS AVAILABLE IN THE RE

RX(10) OF 69 ...J + O ===> V...

FORMAT

RCT J 64882-50-4, O 358-23-6 RX (10)

STAGE(1) RGT Q 108-48-5 2,6-Lutidine SOL 75-09-2 CH2C12

L2 ANSWER 6 OF 9 CASREACT COPYRIGHT 2006 ACS ON STN STAGE(2) SOL 110-54-3 Hexane (Continued)

PRO V 314765-31-6

RX(11) OF 69 ...L + 0 ===> W...

YIELD 95%

RX (11) RCT L 314765-22-5, O 358-23-6

STAGE (1) RGT Q 108-48-5 2,6-Lutidine SOL 75-09-2 CH2C12

STAGE(2) SOL 110-54-3 Hexane

PRO W 314765-33-8

RX(12) OF 69 ...N + O ===> X... L2 ANSWER 6 OF 9 CASREACT COPYRIGHT 2006 ACS on STN (Continued)

X YIELD 90%

RX (12) RCT N 304459-92-5, O 358-23-6

> STAGE (1) RGT Q 108-48-5 2,6-Lutidine SOL 75-09-2 CH2C12

STAGE(2) SOL 110-54-3 Hexane

PRO X 314765-35-0

L2 ANSMER 7 OF 9
ACCESSION NUMBER:
TITLE:

CASREACT COPYRIGHT 2006 ACS on STN
106:138608 CASREACT
Kinetics, stereochemistry, and mechanism of interaction of Vaska's complex with ethynylvinyl triflates. Formation of novel obutatrienyliridium compounds

AUTHOR(S):

CORPORATE SOURCE:

Dep. Chem., Univ. Utah, Salt Lake City, UT, 84112, USA

USA SOURCE:

Journal of the American Chemical Society [1987], 109(4), 1150-6 CODEN: JACSAT; ISSN: 0002-7863 Journal English

DOCUMENT TYPE: LANGUAGE: GI

AB The reaction of Vaska's complex [(Ph3P)2Ir(CO)(Cl)] with Me2C:C(O3SCF3)C.tplbond.CR (R = H, D, He, Ph, SiMe3) was investigated. Oxidative addition readily occurs in benzene or toluene at room temperature to give hexacoordinate Ir(III) butatrienyl complexes I (R = same). Rate studies indicate steric inhibition by bulky substituents on the terminal acetylenic C and give high neg. entropies of activation. The reaction occurs with complete (or nearly complete) retention of olefin stereochem. A two-step SNZ' process with syn approach of the incoming Ir nucleophile is proposed to account for these observations.

...2 8 + 2 V ===> M + P... RX(9) OF 28

He He He F₃C
$$\sim$$
 CF₃ \sim CF₃ \sim CF₃ \sim 2 S \sim CF₃ \sim

ANSWER 7 OF 9 CASREACT COPYRIGHT 2006 ACS on STN (Continued)

M YIELD 77% (45) YIELD 77% (75)

S 18387-58-1, V 358-23-6 W 38222-83-2 Me-(t-Bu)2-pyridine M 106211-71-6, P 106211-72-7 75-09-2 CH2C12

reforences Synthesis, 1979, 438 (stange + al.) Synthesis, 1982, 85 (105

Page 11

```
L2 ANSWER 8 OF 9
ACCESSION NUMBER:
1104:148249 CASREACT
THE preparation of unsymmetrical diacetylenes from alkenynyl triflates
AUTHOR(S):
CORPORATE SOURCE:
USA
Chem. Dep., Univ. Utah, Salt Lake City, UT, 84112,
                                                                                                                                                                                                                                                                                                                                                 L2 ANSWER 8 OF 9 CASREACT COPYRIGHT 2006 ACS ON STN (F3CSO2) 20 PRO G 1011:06-52-5 SOL 75-09-2 CH2C12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (Continued)
           USA
SOURCE:
                                                                                                                                                                                                                                                                                                                                                  RX (3) OF 9
                                                                                                                                                                                                                                                                                                                                                                                                      H ===> I...
                                                                                                     Synthesis (1985), (10), 962-3
CODEN: SYNTBF; ISSN: 0039-7881
                          CODEN: SYNTBF; ISSN: 0039-7881

JOURNAL

MENT TYPE: Journal

English

RC.tplbond.CC(03SCF3):CKNe (I; R = Me, Ph) were converted in 85% yield to RC.tplbond.CC.tplbond.CM by treatment with 2,6-(Me3C)2C6H3OK in glyme.

Me3SiC.tplbond.CC.tplbond.CMe was similarly prepared in 45% yield by treating I (R = Me3Si) with (Me2CH)2NLi in glyme. I were prepared by treating RC.tplbond.CCCCMEMe with (CF3SO2)2O in the presence of 2,6-di-tert-butyl-4-methylpyridine.
          DOCUMENT TYPE:
LANGUAGE:
AB RC.tplbone
          RX(1) OF 9 A ===> B...
                                                                                                                                                                                                                                                                                                                                                                                    RCT H 18387-58-1
RGT C 38222-83-2 Me-(t-Bu)2-pyridine, D 358-23-6
(F3C502)20
PRO I 101160-53-6
SOL 75-09-2 CH2C12
                                                                                                                                                                                                                                                                                                                                                 RX (3)
                                                                                                                                                                                                                                                                                                                                                                                   without in Stungaetal.
                                              RCT A 10575-41-4

RGT C 39222-83-2 Me-(t-Bu)2-pyridine, D 358-23-6

[F3CS02]20

PRO B 101160-51-4

SOL 75-09-2 CH2C12
                                                                                                                                                                                                                                                                                                                                                                                                                                               Sychois 1979, 438
           RX(2) OF 9
                                                               F ===> G...
                                               RCT F 19307-74-5
RGT C 38222-83-2 Me-(t-Bu)2-pyridine, D 358-23-6
          RX (2)
          L2 ANSWER 9 OF 9 CASREACT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 80:82004 CASREACT
TITLE: Vinyl triflates in synthesis. I.
tert-Butylacetylene
AUTHOR(S): Hargrove, Robert J.; Stang, Peter
CORPORATE SOURCE: Dep. Chem., Univ. Utah, Salt Lake
SOURCE: Journal of Organic Chemistry (1974
         CORPORATE SOURCE:

DOCUMENT TYPE:

LANGUAGE:

AB The elimination of CF3SO2)20 to give I.

CORPORATE SOURCE:

DOCUMENT TYPE:

LANGUAGE:

(CF3SO2)20 to give I.

COMPAN: JOURN MEDICAL STATEMENT STATE
                                                                                                                                                                                                                                                                                                                                      seferences - Dueber et al. Angen. Cham
Int. Ed. Engl. 9,521 (1970)
                                                                                                                                                                                                                                                                                                                                                                                                                10) { Stry & Dueber, Org. Syn. 54, 800 (4764)
          RX(2) OF 3 C + D ===> A...
                                             RCT C 75-97-8, D 358-23-6
RGT E 110-86-1 Pyridine
PRO A 27701-32-2
SOL 56-23-5 CC14
NTE Classification: Isomerisation: O-Sulphonation; # Conditions:
triflic anhydride; CC14 pyridine; 15 deg 60h
50)n of
                                                                                                                                                      CC14
                                                                                                                                                                                                                                          then wern to 15°C for 60hr.
```

Searched by Jason M. Nolan

add in Tf20 (0.022mol)